



5020 Chesebro Road, Suite 200, Agoura Hills, CA 91301-2285
Tel. 818-597-3407, Fax 818-597-8001, www.aspeneg.com

PROJECT MEMORANDUM
SDG&E VINE 69/12-KV SUBSTATION PROJECT

To: Eric Chiang, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: November 16, 2017
Subject: Monitoring Report #19: October 7 to November 11, 2017

Introduction

This report provides a summary of the construction and compliance activities associated with San Diego Gas and Electric's (SDG&E) Vine 69/12-kV Project.

A summary of the Notice to Proceed (NTP) for construction is provided below. The status of Temporary Extra Workspace (TEWS) and Minor Project Changes (MPCs) is provided in Table 1.

CPUC Environmental Monitor (EM): Jamie Miner was onsite October 19-20, and Jenny Slaughter was onsite November 8-9, 2017.

Work Schedule: Construction at the Vine Substation site was conducted Monday-Friday between 7:00 am and 3:30 pm. Underground trenching for the distribution work along India and Vine Streets has been completed, and trenching along Kettner Boulevard is occurring between 7:00 pm and 5:00 am Monday through Thursday. 69 kV loop in work is being conducted during both day and nighttime hours.

CPUC NTP

NTP #1: Construction of the Vine 69/12-kV Substation Project

NTP #1 was issued by CPUC on June 8, 2016 for the entirety of the Vine 69/12-kV Substation Project, including construction of the Vine Substation, 12 kV distribution relocation, 69 kV Loop in, and telecom system upgrades.

Construction & Compliance

Vine Substation Construction

Summary of Activity: Please see Exhibit A

1. Construction began at the Vine Substation site on August 17, 2016. Civil construction activities are being conducted by Patriot Engineering. The below grade structural portion of the substation construction was conducted by DCX. Above ground construction is being performed by Kearney (SDG&E). Patriot has completed the majority of the civil work and returned the week of October 23, 2017 to complete final construction elements including rock placement, driveways, and sidewalks.
2. Patriot crews graded Class II base at the substation site and conducted driveway improvements (see Figure 1).
3. 12 kV and 69 kV circuit breakers were set up and jumpers were installed.



12-kV Relocation (India Segment – 12 kV Underground)

Summary of Activity:

4. NPL crews continued the underground work along Kettner Boulevard. Potholing, saw cutting, trenching, conduit installation, backfilling, and vault installation took place between the hours of 7:00 pm and 5:00 am, Monday through Friday.
5. Electrical cable was installed along Kettner Boulevard between W. Palm and Redwood, and outside of the Vine Substation.
6. Excavation and removal of historic trolley tracks continued (see Figure 2).
7. Trench backfilling along Vine Street took place (see Figure 3).
8. Pavement striping took place along India Street.
9. Steel plates were installed at the end of the work shift over trenches and excavations, and welded to keep them in place.
10. NPL crews are staging equipment and material at the Kettner Yard.

69 kV Loop In

Summary of Activity

11. Henkels and McCoy began work on the 69 kV loop in along Pacific Highway. Trenching to an existing vault occurred across the Highway. The remaining overhead work is on hold pending the necessary permits from the railroad.

Telecom System Upgrades

Summary of Activity

No activity took place during the subject period.

Environmental Compliance

1. On Friday October 20, SDG&E notified the CPUC EM of emergency work on Kettner Boulevard to stabilize steel plates which had become loose. The high traffic speeds over the steel plates caused them to become loose. Traffic control was set up and crews reset the plates over the excavations (see Figure 4). The plates were monitored over the weekend to make sure that they were holding up and were later replaced by larger plates.
2. SDG&E provided documentation from the City of San Diego confirming that a Traffic Control Permit was not necessary to conduct the pavement striping work along India Street.
3. On November 7, SDG&E submitted a Minor Project Change request to continue to use the staging area on Redwood Street beyond 60 days. This staging area was previously approved as a TEWS.
4. No non-compliance incidents were reported by SDG&E during the reporting period.

Public Involvement

No complaints were received during the subject period.

Temporary Extra Workspaces (TEWS) and Minor Project Changes (MPCs)

Table 1 summarizes the TEWS and MPCs for the Vine Substation Project.

Table 1
Temporary Extra Workspaces (TEWS) & Minor Project Changes (MPCs)
 (Updated 11/16/17)

TEWS / MPC	Date Requested	Date Issued	Phase	Description
Temporary Extra Workspaces (TEWS)				
TEWS #1	07/20/16	07/20/16	12 kV Underground	Requests the use of an existing graveled portion of the Witherby Substation for equipment and materials staging.
TEWS #2	07/21/16	07/21/16	12 kV Underground	The use of a paved, private parking area along Laurel Street for the large excavator.
TEWS #3	08/15/16	08/16/16	12 kV Underground	Use of paved, private parking lot (currently empty) for Underground contractor's equipment and materials storage.
TEWS #4	06/21/17	06/22/17	12 kV Underground	Use of three areas for equipment storage near the India Street Underground.
TEWS #5	08/29/17	08/29/17	12 kV Underground	Use of staging area at dead end of Redwood Street.
Minor Project Changes (MPCs)				
MPC #1	08/31/16	09/09/16	12 kV Underground	Continued use (beyond 60 days) of Kettner and Witherby yards.
MPC #2	04/24/17	05/12/17	66 kV Loop in	Replacement of wood pole with TSP
MPC #3	11/07/17	11/08/17	12 kV Underground	Continued use (beyond 60 days) of Staging area on Redwood Street.

CPUC Project Memoranda (PMs) and Non-Compliance Reports (NCRs)

Table 2 summarizes the CPUC PMs and NCRs issued to date.

Table 2
CPUC Project Memoranda and Non-Compliance Reports
 (Updated 11/16/17)

TEWS / MPC	Date Issued	Phase	Description
PM #1	07/27/17	12 kV Underground	Potholing along Kettner without the required monitors and a general trend in non-compliance incidents.
PM #2	10/09/17	12 kV Underground	Non-Compliance with Traffic Control Permits and untimely incident reporting.

Exhibit A – Construction Status



PROJECT PHOTOGRAPHS



Figure 1 – Patriot crews have returned to the Vine Substation site to complete construction, including the permanent driveway off of Kettner.



Figure 2 – NPL crews working along Kettner Boulevard trenching and installing conduit.



Figure 3 – During the night shift, NPL crews continued to backfill the trench with concrete on Vine Street.



Figure 4 – Traffic control at Kettner Boulevard where the steel plate repair was conducted. Photo courtesy of SDG&E.